

VESSELS



BASSETT
MECHANICAL

▪ CONTRACTING ▪ ENGINEERING ▪ METAL FABRICATING ▪ SERVICE

VESSELS

Unmatched Quality. Safe, Responsible
Solutions.

Creating Customers for Life®

INDUSTRIAL REFRIGERATION | HVAC | BUILDING AUTOMATION & CONTROLS
PLUMBING | METAL FABRICATION | MAINTENANCE & SERVICE

VESSELS

When you need high-quality pressure vessels that meet your project timeline, you can trust the custom metal fabricators at Bassett Mechanical to get the job done right. We have decades of experience building pressure vessels, pre-engineered skid packages, and recirculators, and we have earned an outstanding reputation for exceptional quality and turnaround time.



DESIGN ENGINEERING EXPERTISE

Our in-house team of engineers, project managers, and draftsmen deliver cost-effective, code-compliant solutions tailored to customer requirements. Leveraging both 2D and 3D CAD capabilities, we ensure precision and efficiency throughout the design process, with all work aligned to ASME standards.



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BassettMechanical.com

(800) 236-2500

info@BassettMechanical.com



MANUFACTURING CAPABILITIES

- > 300,000 sq. ft. facility
- > Local 400 UA skilled fabricators
- > 200+ ASME weld certifications in compliance with ASME Section IX
- > 30+ ASME-certified welders on staff at all times
- > Certified ASME shop holding "U", "R", and "S" stamps
- > 5-axis CNC pipe cutting for 2"–36" OD using oxy-fuel, plasma, and low-amp scribing
- > In-house plasma cutting, laser cutting, rolling, and forming
- > On-site third-party authorized inspection
- > Full-service blast and paint capabilities
- > Vessel fabrication up to 12' diameter, 40,000 lbs. (larger upon request), 50 ft. length, 1/4" to 1 1/4" thickness, and up to 20,000 lbs
- > Material expertise includes:
 - Carbon steel and stainless steel alloys
 - Lean to super duplex alloys
 - Nickel, copper, and chrome alloys (including P91)
 - Aluminum and titanium alloys

COMMITTMENT TO QUALITY

- > 4 AWS certified welding inspectors on-site full-time
- > Visual Testing (VT)
- > Radiography Testing (RT) – performed by third-party specialists
- > Ultrasonic Testing (UT)
- > Magnetic Testing (MT)
- > Dye Penetrating Testing (PT)
- > Positive Material Identification (PMI)
- > Hydrostatic testing
- > Pneumatic testing
- > ISO 9001:2015 Certified
- > Fully integrated in Lean practices since 2006
- > Digital tracking of material and production status